

IN THE CLAIMS

Please cancel claims 18-21 without prejudice or disclaimer.

The following claims 1, 8, 10, 15 and 17 are amended, as indicated in the marked up version included with this response as Attachment A.

B4
1. (Twice Amended) A dietary supplement for providing nutritional product saccharides in monomeric, oligomeric or polymeric and derivatized or underivatized form, which saccharides are essential components of glycoproteins in a mammal, said dietary supplement comprising nutritionally effective amounts of:

at least six saccharides selected from the group consisting of:

galactose, glucose, mannose, xylose, acetylated mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine, arabinose, glucuronic acid, galacturonic acid, iduronic acid, arabinogalactan, glucosamine and galactosamine.

B5
8. (Twice Amended) A dietary supplement according to claim 1 further comprising a nutritionally effective amount of a blend of freeze-dried and powdered raw fruits and vegetables.

10. (Amended) A dietary supplement according to claim 8, wherein said blend of freeze-dried and powdered raw fruits and vegetables comprises:

broccoli, brussel sprouts, cabbage, carrot, cauliflower, garlic, kale, onion, papaya, pineapple, tomato and turnip.

B6
15. (Twice Amended) A dietary supplement according to claim 1 further comprising nutritionally effective amounts of a dioscorea complex and a blend of freeze-dried and powdered raw fruits and vegetables.

B7
17. (Amended) A dietary supplement according to claim 16, wherein:
said vitamins comprise A, B1, B12, B2, B6, beta carotene, bioflavonoids, biotin, C, choline, D, E, folic acid, inositol, K, niacinamide, para-aminobenzoic acid, and pantothenic acid; and
said minerals comprise boron, calcium, copper, GTF chromium, iodine, iron, magnesium, manganese, molybdenum, potassium, selenium, silicon, vanadium and zinc.

Please add new claims 22-47 as follows:

22. A dietary supplement for providing nutritional product saccharides in monomeric, oligomeric or polymeric and derivatized or underivatized form, which saccharides are essential components of glycoproteins in a mammal, said dietary supplement comprising nutritionally effective amounts of:

at least six saccharides selected from the group consisting of: galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine, xylose, iduronic acid, arabinose and glucuronic acid.

23. A dietary supplement for the modification of behavior in alcohol dependent mammals, comprising nutritionally effective amounts of acetylated mannose, gum ghatti, gum tragacanth, glucosamine, corn starch and arabinogalactan.

24. A dietary supplement for reducing side-effects in mammals receiving biologically effective agents that cause such side-effects, comprising nutritionally effective amounts of acetylated mannose, gum ghatti, gum tragacanth, glucosamine, corn starch and arabinogalactan.

25. A dietary supplement according to claim 24, wherein said dietary supplement reduces the undesired side-effects of central nervous system drugs.

26. A dietary supplement according to claim 24, wherein said dietary supplement reduces the side-effects of methylphenidate in a mammal suffering from attention-deficit hyperactivity disorder.

27. A dietary supplement according to claim 7, wherein said composition comprises from about 50 to about 99.9999 weight percent of said at least six saccharides and from about 0.0001 to about 50 weight percent of said dioscorea complex.

28. A dietary supplement according to claim 7, wherein said composition comprises from about 30 to about 99.99 weight percent of said at least six saccharides and from about 0.01 to about 70 weight percent of said dioscorea complex.

29. A dietary supplement according to claim 28, wherein said composition comprises from about 60 to about 90 weight percent of said at least six saccharides and from about 10 to about 40 weight percent of said dioscorea complex.

30. A dietary supplement according to claim 29, wherein said composition comprises about 80 weight percent of said at least six saccharides and about 20 weight percent of said dioscorea complex.

31. A dietary supplement according to claim 8, wherein said composition comprises from about 0.01 to about 99.999 of said at least six saccharides and from about 0.001 to 99.99 of said blend of freeze-dried and powdered raw fruits and vegetables.

32. A dietary supplement according to claim 31, wherein said composition comprises from about 1 to about 80 weight percent of said at least six saccharides and from about 20 to about 99 weight percent of said blend of freeze-dried and powdered raw fruits and vegetables.

33. A dietary supplement according to claim 32, wherein said composition comprises from about 5 to about 50 weight percent of said at least six saccharides and from about 50 to about 95 weight percent of said blend of freeze-dried and powdered raw fruits and vegetables.

34. A dietary supplement according to claim 1, further comprising an herbal or plant extract of broccoli, brussel sprouts, cabbage, carrot, cauliflower, garlic, kale, onion, papaya, pineapple, tomato, asparagus, mushroom, parsnip, radish and turnip.

35. A dietary supplement according to claim 34, wherein said composition comprises from about 25 to about 99.999 weight percent of said at least six saccharides and from about 0.001 to about 75 weight percent of said herbal or plant extract.

36. A dietary supplement according to claim 35, wherein said composition comprises from about 10 to about 90 weight percent of said at least six saccharides and from about 10 to about 90 weight percent of said herbal or plant extract.

37. A dietary supplement for providing nutritional product saccharides, which saccharides are essential components of glycoproteins in a mammal, said dietary supplement comprising nutritionally effective amounts of tragacanth gum, guar gum and rice flour.

38. A dietary supplement according to claim 37, wherein said composition further comprises a flowing agent and a lubricant.

39. A dietary supplement according to claim 37, wherein said tragacanth gum, guar gum and rice flour are present in said composition in a weight ratio of 10:1:20.

40. A dietary supplement for providing nutritional product saccharides, which saccharides are essential components of glycoproteins in a mammal, said dietary supplement

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comprising nutritionally effective amounts of galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine and xylose.

41. A dietary supplement according to claim 40, wherein said composition further comprises rice flour.

42. A dietary supplement according to claim 41, wherein said composition further comprises a flowing agent and a lubricant.

43. A dietary supplement according to claim 41, wherein said galactose, glucose, mannose, N-acetylneuraminic acid, fucose, N-acetylgalactosamine, N-acetylglucosamine, xylose and rice flour are present in said composition in a weight ratio of 1:1:1:1:1:1:1:8.

44. A dietary supplement for providing nutritional product saccharides, which saccharides are essential components of glycoproteins in a mammal, said dietary supplement comprising nutritionally effective amounts of tragacanth gum, gum ghatti, arabinogalactan and aloe vera extract.

45. A dietary supplement according to claim 44, wherein said composition comprises 20 percent by weight of said tragacanth gum, 20 percent by weight of said gum ghatti, 40 percent by weight of said arabinogalactan, and 20 percent by weight of said aloe vera extract.

46. A dietary supplement for providing nutritional product saccharides, which saccharides are essential components of glycoproteins in a mammal, said dietary supplement comprising nutritionally effective amounts of aloe vera extract, gum ghatti, tragacanth gum, glucosamine, corn starch and arabinogalactan.

47. A dietary supplement according to claim 46, wherein said composition comprises 10 percent by weight of said aloe vera extract, 10 percent by weight of said gum ghatti, 10 percent by weight of said tragacanth gum, 10 percent by weight of said glucosamine, 12 percent by weight of said corn starch and 48 percent by weight of said arabinogalactan.

REMARKS

Claims 1, 6-17 and 22-47 are pending herein.

Claims 18-21 have been cancelled without prejudice or disclaimer. Claims 1, 8, 10, 15 and 17 have been amended, more particularly, to point out, the claimed subject matter. Claims 22-47 have been added. It is respectfully submitted that pending claims 1, 6-17 and 22-47 are in full